

FIG. 1

FIG. 2

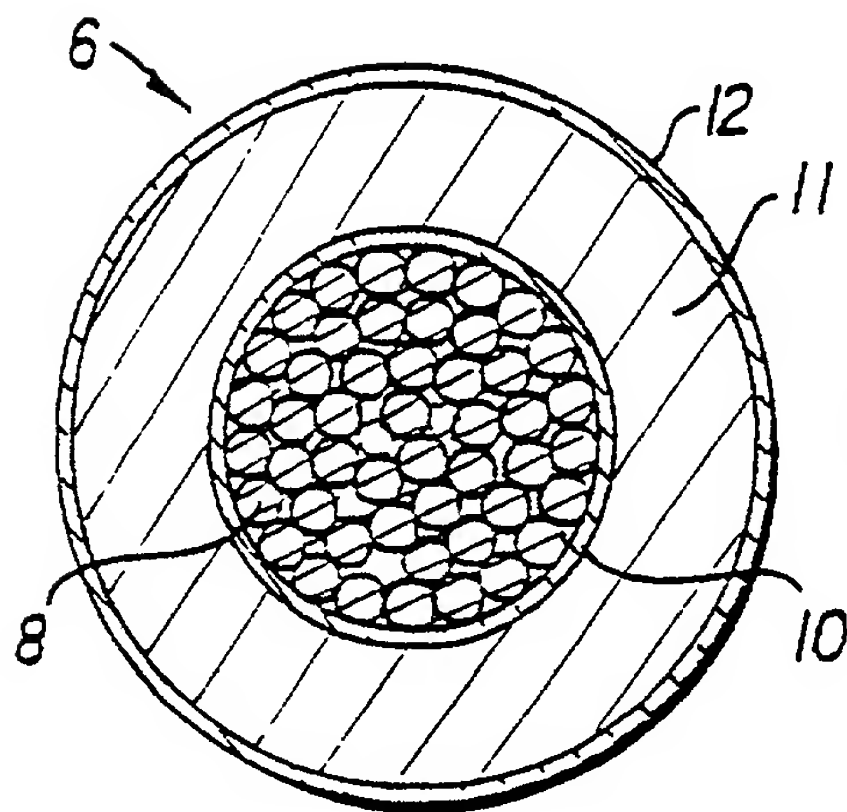
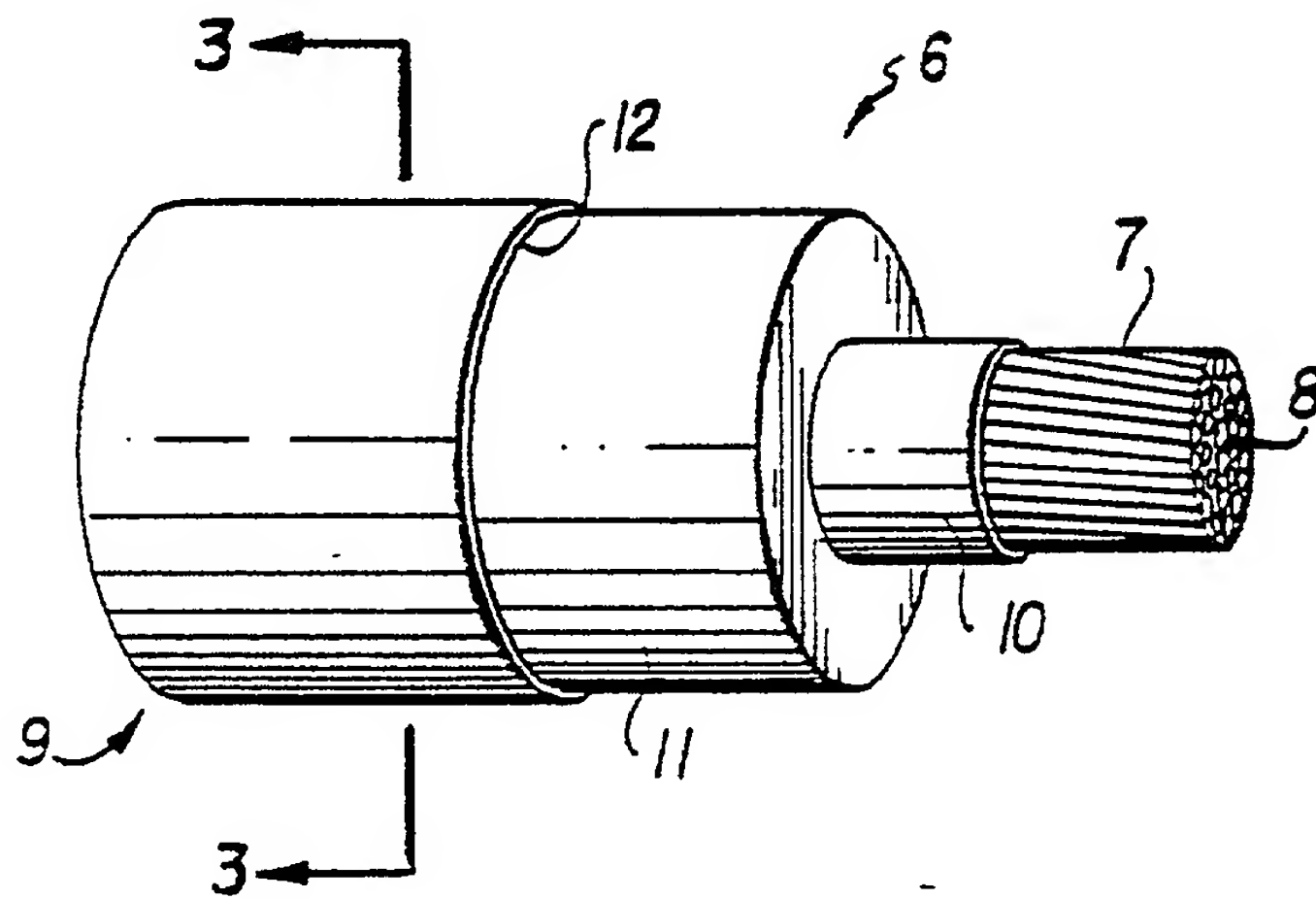


FIG. 3

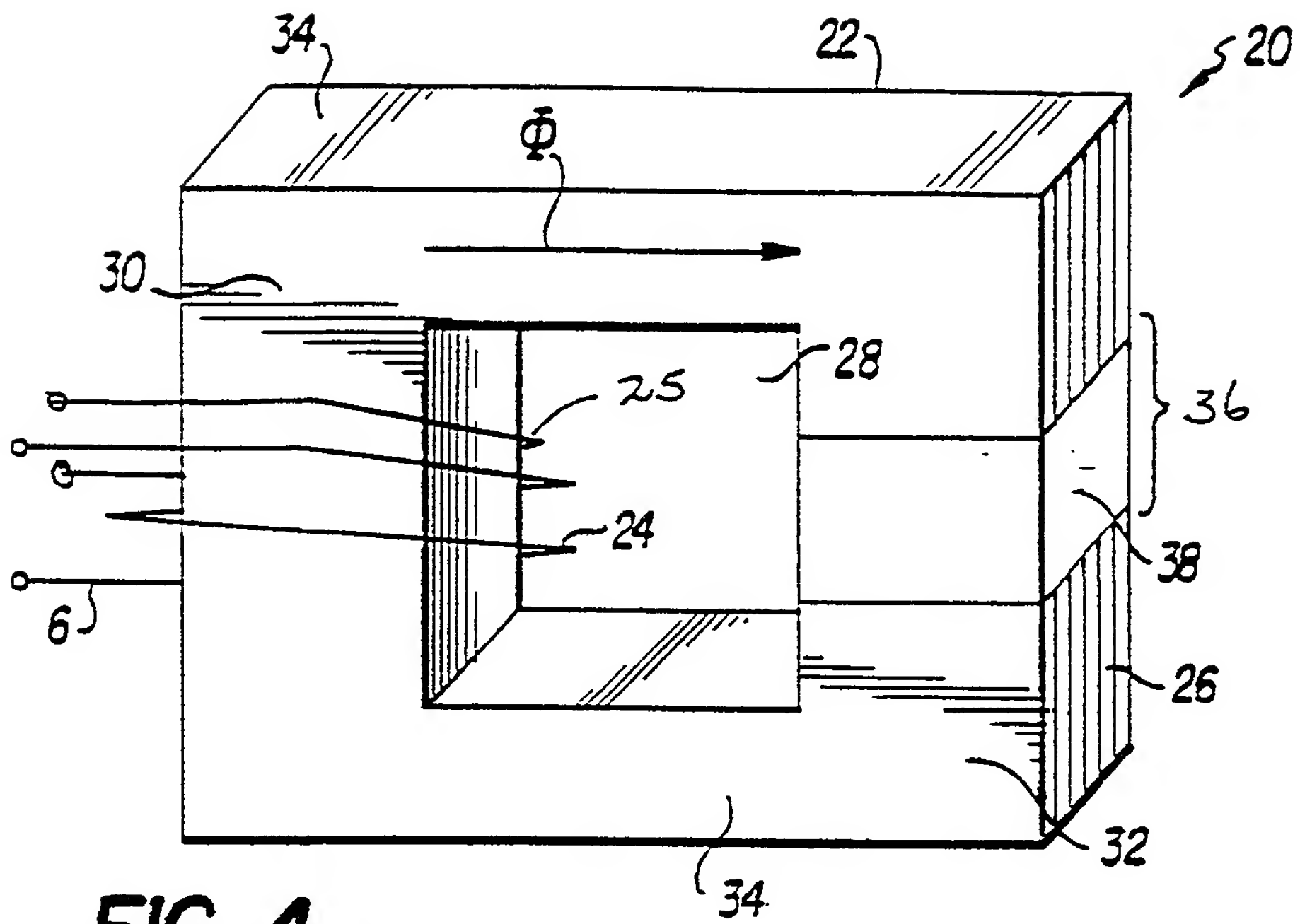


FIG. 4

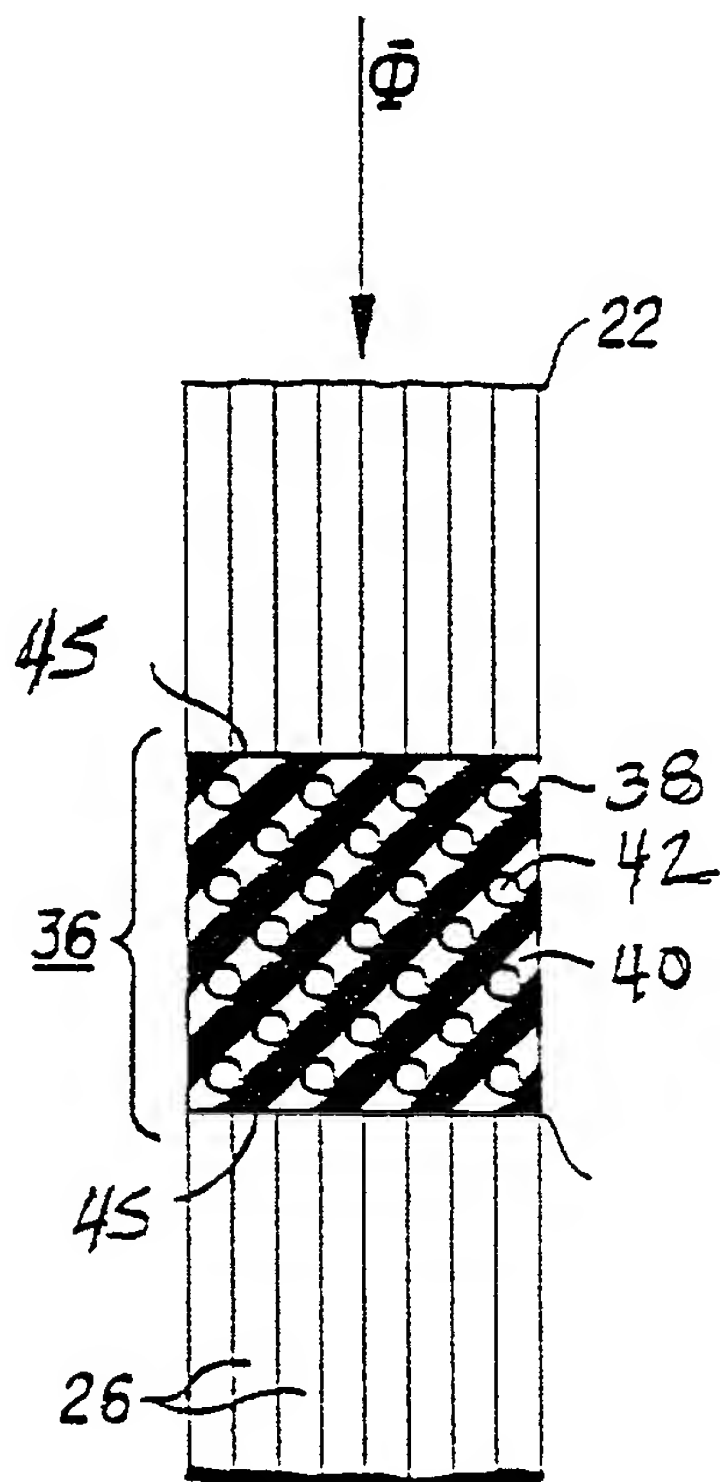
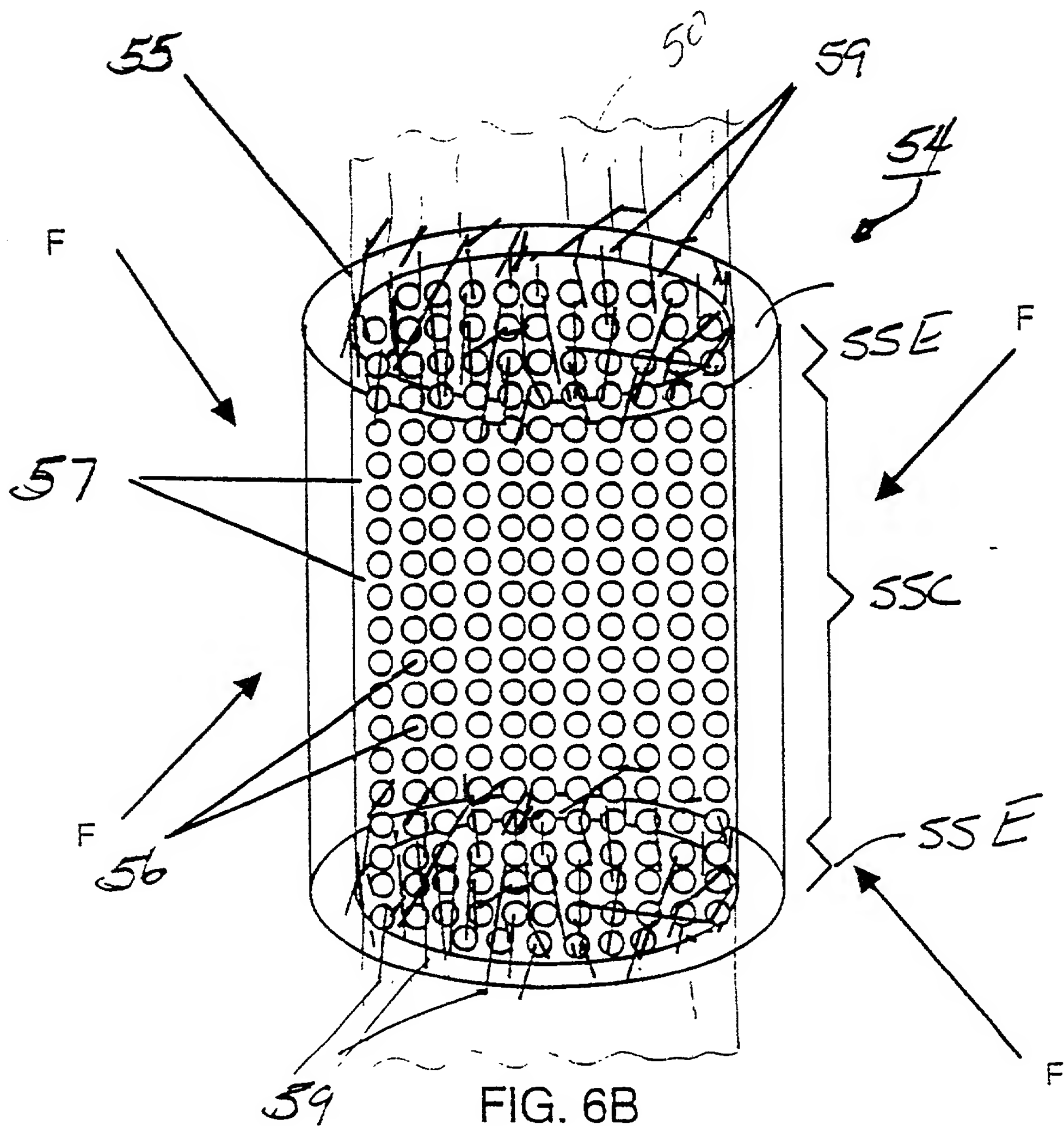
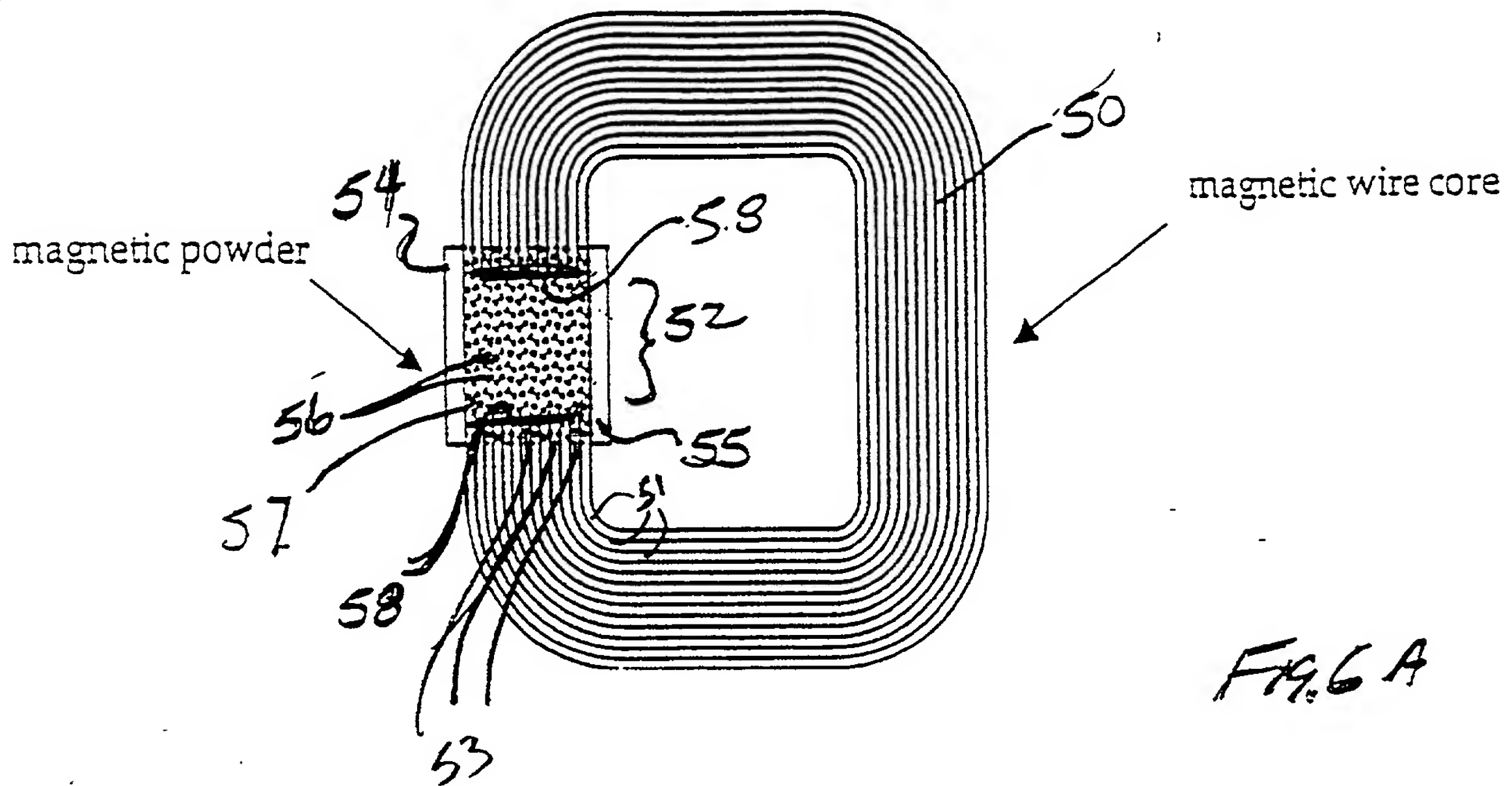
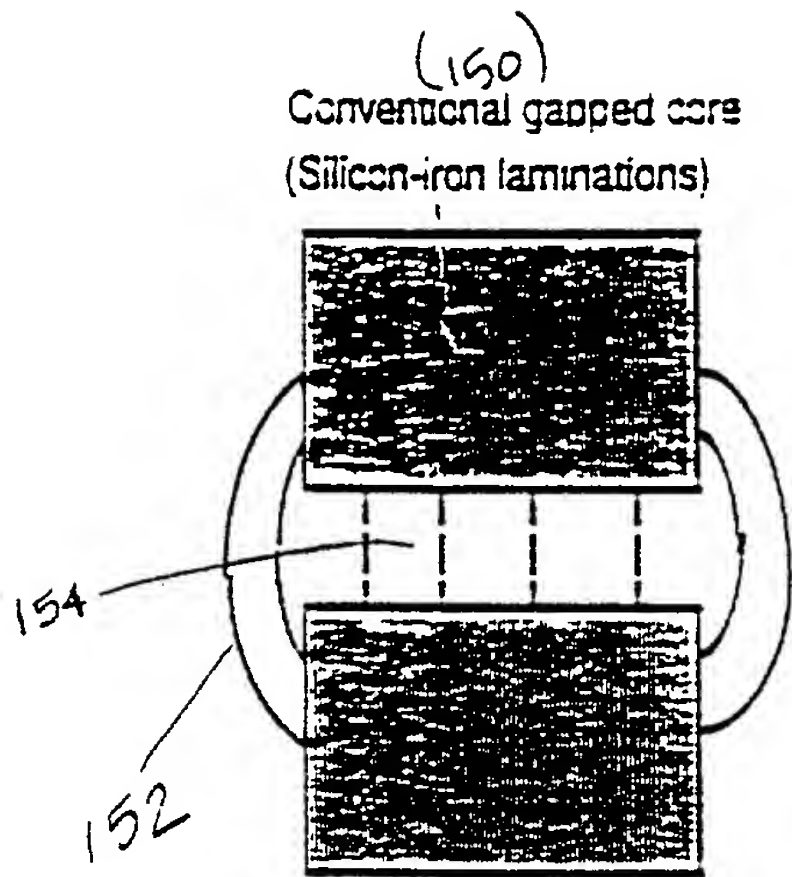


FIG. 5



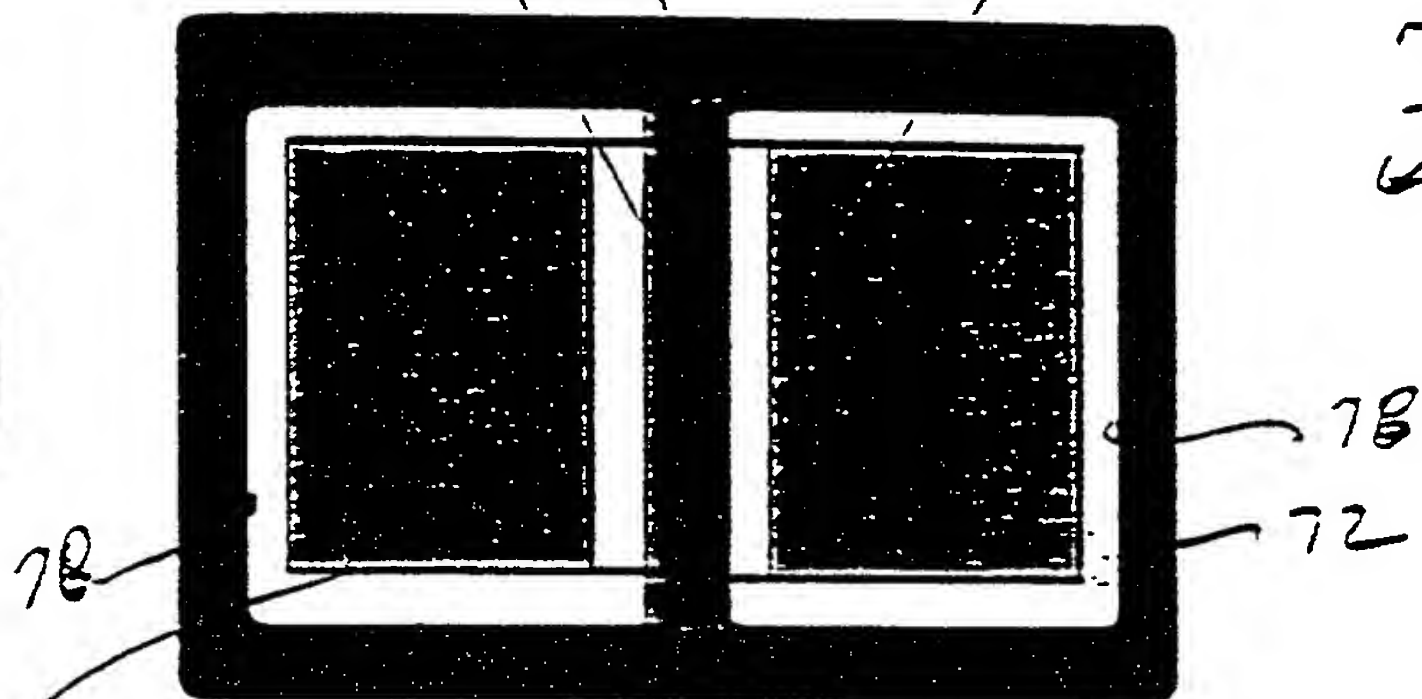


Flux Fringing

FIG. 13

P/M core
with distributed air gap

Reactor winding (could be a
polymeric (or rubber) insulated
cable winding)



Powder Metallurgy Technology
to form Magnetic Parts in a Reactor

Powder Metallurgy core

Iron particle

Dielectric layer

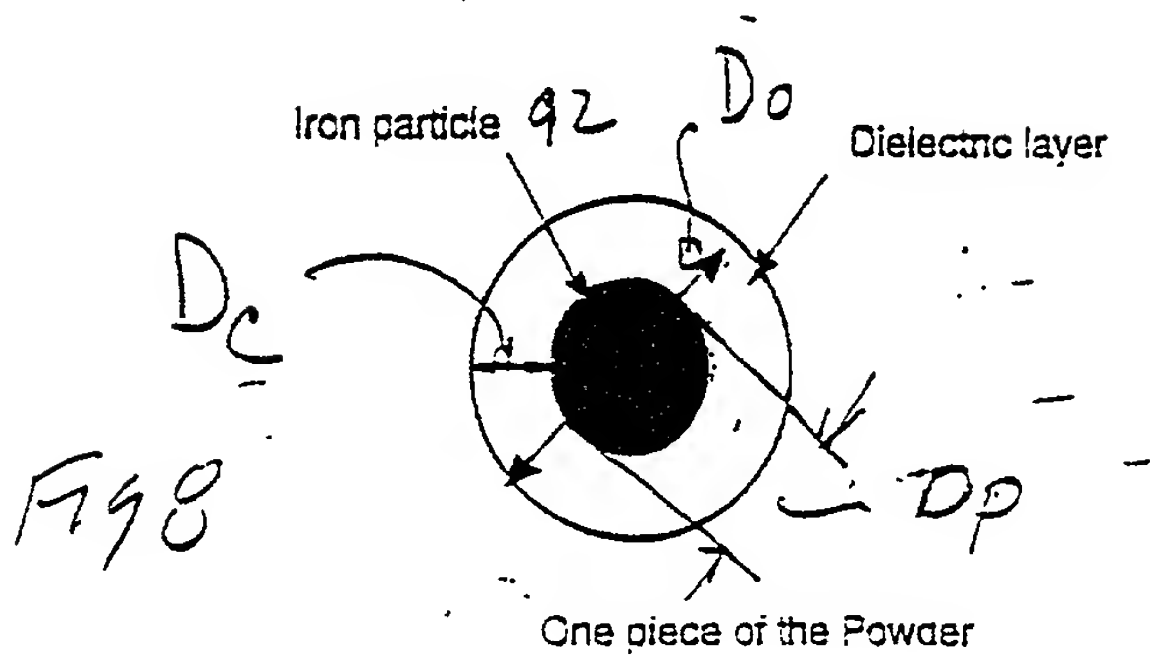


FIG 8

FIG 7

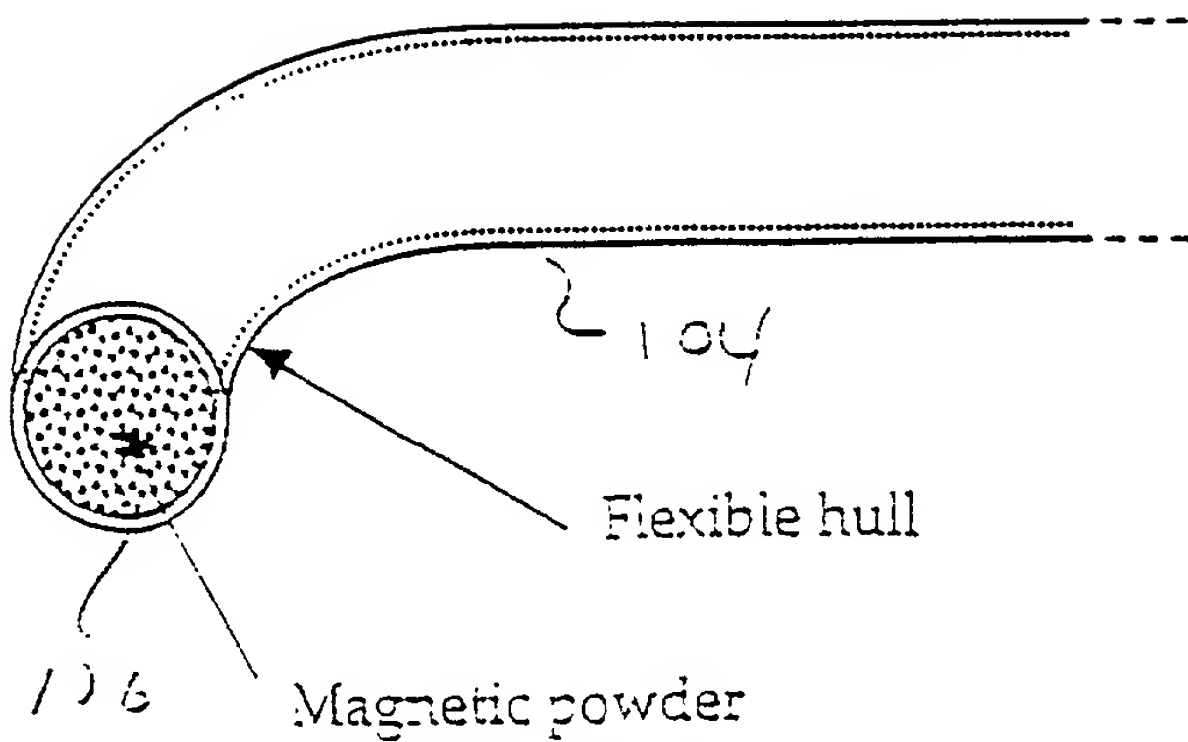


FIG 9B

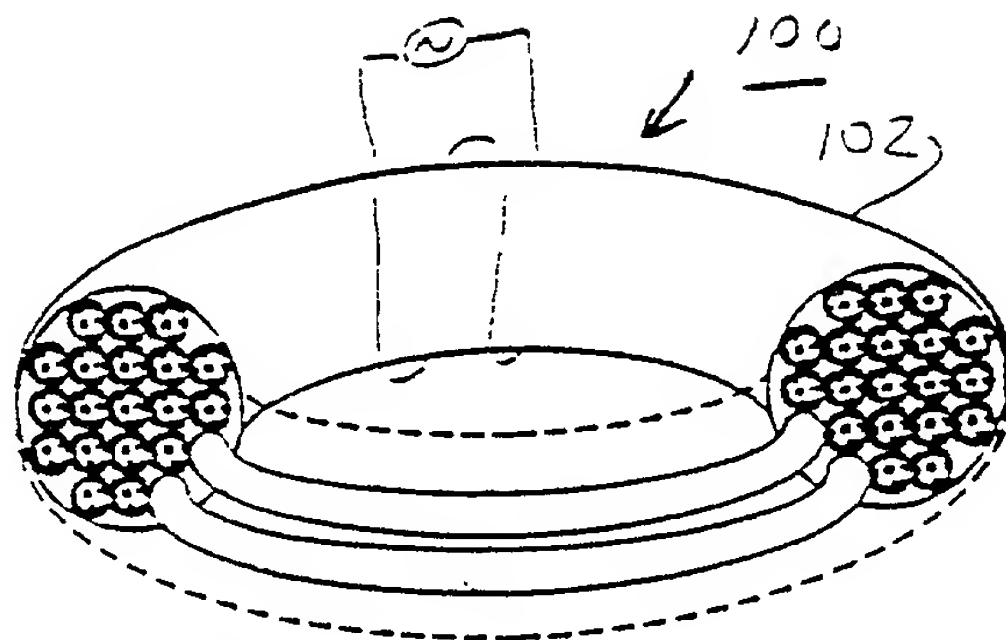
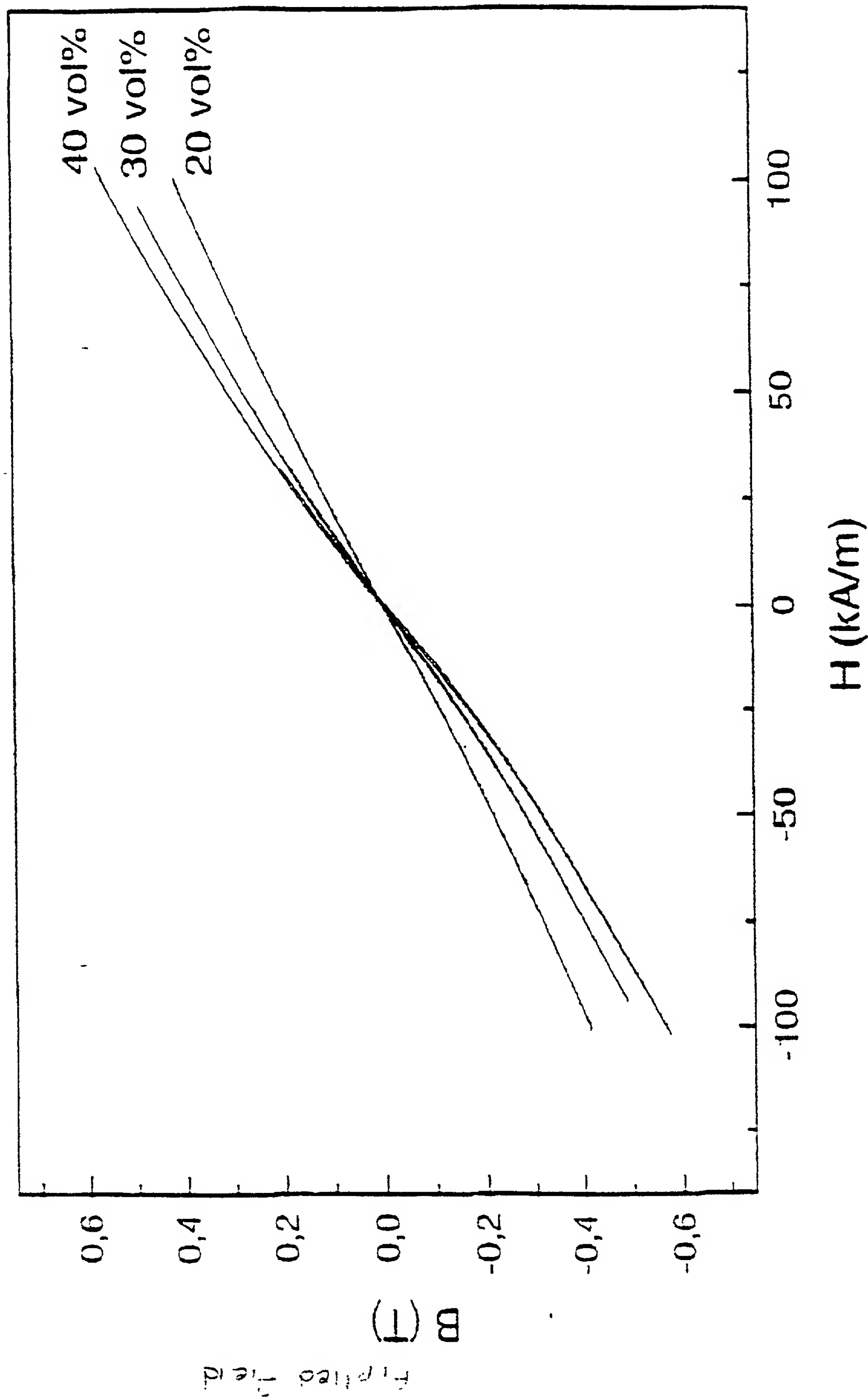


FIG 9A

Ex: Torus wound hose

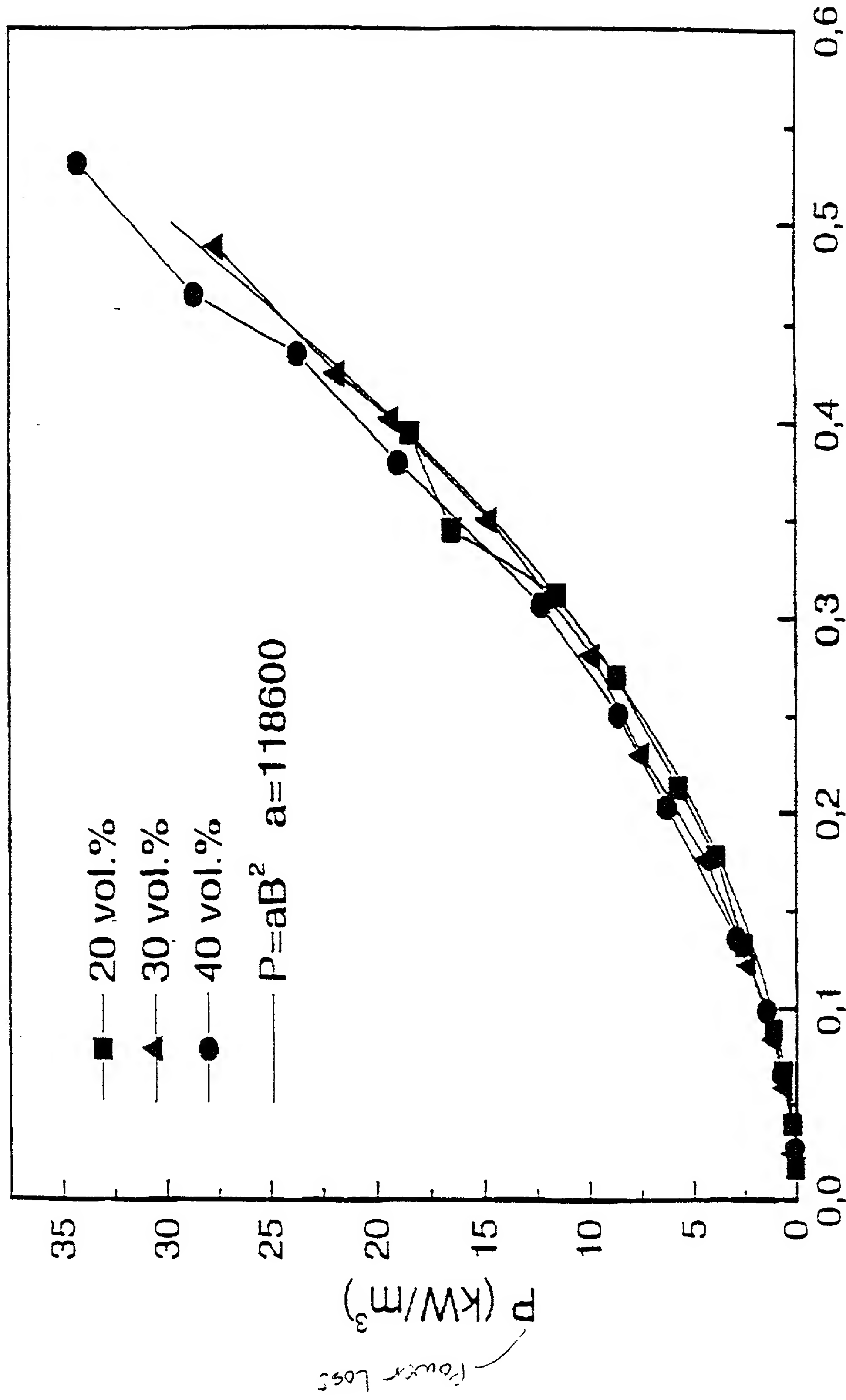
with poly. H. after each day in
from 0.1 to 0.5 mm Hg. The
from 0.1 to 0.5 mm Hg. The



(magnetic induction)

Fig. 1A

Soft magnetic powder, Sizes 0.1 μm to 500 μm



magnetic field strength B

Soft magnetic powder, Sizes 0.1µm to 500µm

FIG. 12

